



0173.210us-SEQUENCE LISTING.txt

SEQUENCE LISTING

<110> ~~McBryde, Kevin~~ MUSUI

<120> Strawberry Vein Banding Virus Promoter
(SVBV) Promoter

<130> 0173.210us

<140> 10/020,540

<141> 2001-10-30

<150> 60/245,354

<151> 2000-11-01

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 476

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 1

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gaattaataa ctctttcaga atatgaagcc cgctttacaa gtggccagct agctatcact 120
gaaaagacag caagacaatg gtgtctcgat gcaccagaac cacatcttg cagcagatgt 180
gaagcagcca gagtggtcca chagacgcac tcagaaaagg catcttctac cgacacagaa 240
aaagacaacc acagctcatc atccaacatg tagactgtcg ttatgcgtcg gctgaagata 300
agactgaccc caggccagca ctaaaaaga aataatgcaa gtggccctag ctccacttta 360
gcttaataa ttatgtttca ttattattct ctgctttgc tctctatata aagagcttgt 420
atttcattt gaaggcagag gcgaacacac acacagaacc tccctgctta caaacc 476

<210> 2

<211> 518

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 2

ggatccccca gcttaactat gctgatgaca agataattct aataagcaat tattcagaat 60
taatcaagga gaaagaatta ataactctt cagaatatga agcccgctt acaagtggcc 120
agctagctat cactgaaaag acagcaagac aatgggtctt cgatgcacca gaaccacatc 180
tttgcacgac atgtgaagca gccagagtgg tccacaagac gcactcagaa aaggcatctt 240
ctaccgacac agaaaaagac aaccacagct catcatccaa catgttagact gtcgttatgc 300
gtcggctgaa gataagactg accccaggcc agcactaaag aagaataat gcaagtggtc 360
ctagctccac tttagctta ataattatgt ttcatttata ttctctgctt ttgctctcta 420
tataaagacg ttgtatttt atttgaaggc agaggcgaac acacacacag aacctccctg 480
cttacaaacc ggatcgggct gcaggtctt aaccatgg 518

<210> 3

<211> 651

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 3

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tcgatgcacc agaaccacat ctttgagca gatgtgaagc agccagatg gtccacaaga 120
cgcactcaga aaaggcatct tctaccgaca cagaaaaaga caaccacagc tcatcatcca 180
acatgttagac tgcgttatg cgtcggctga agataagact gaccccaggc cagcactaaa 240
gaagaaataa tgcaagtggc cctagcttca ctttagcgt agctatcact gaaaagacag 300

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caagacaatg gtgtctcgat gcaccagaac cacatcttg cagcagatgt gaagcagcc 360
gagtggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa aaagacaacc 420
acagctcatc atccaacatg tagactgtcg ttatgcgtcg gctgaagata agactgaccc 480
caggccagca ctaaagaaga aataatgcaa gtggtcctag ctccacttta gctttaataa 540
ttatgttca ttattattct ctgctttgc tctctatata aagagcttgtt attttcattt 600
gaaggcagag gcgAACACAC acacagaacc tccctgctta caaaccggat c 651

<210> 4

<211> 701

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 4

gatccgcttt acaagtggcc acctagctat cactgaaaaag acagcaagac aatggtgtct 60
cgatgcacca gaaccacatc tttgcagcag atgtgaagca gccagagtgg tccacaagac 120
gcactcagaa aaggcatctt ctaccgcac agaaaaagac aaccacagct catcatccaa 180
cattagact gtcgttatgc gtcggctgaa gataagactg accccaggcc agcactaaag 240
aagaataat gcaagtggc ctagctccac ttagcttta ataattatgt ttcatttatta 300
ttctctgctt tgctctcg tagctatcac tggaaagaca gcaagacaat ggtgtctcga 360
tgcaccagaa ccacatctt gcagcagatg tgaaggcagcc agatggtcc acaagacgca 420
ctcagaaaag gcatcttcta ccgacacaga aaaagacac cacagctcat catccaacat 480
gtagactgtc gttatgcgtc ggctgaagat aagactgacc ccaggccagc actaaagaag 540
aaataatgca agtggtccta gctccactt agcttaata attatgtttc attattttc 600
tctgcttttgc ctctctatata aagagcttg tattttcatt tgaaggcaga ggcgaacaca 660
cacacagaac ctccctgctt acaaaccggta tcgggctgca g 701

<210> 5

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 5

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35

<210> 6

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 6

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ttat 64

<210> 7

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 7

acacaggatc cgcgtattgg ctagagcagc ttgcc

35

<210> 8

<211> 40

<212> DNA

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<213> Artificial Sequence

<220>

<223> Primer

<400> 8

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40

<210> 9

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 9

caaagaagaa gcttaactat gc

22

<210> 10

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 10

tgcggatcc ggtttctaag cagggagg

28